SAP Business One for Warehouse Management (WMS)

Solution Overview

Solution Benefits

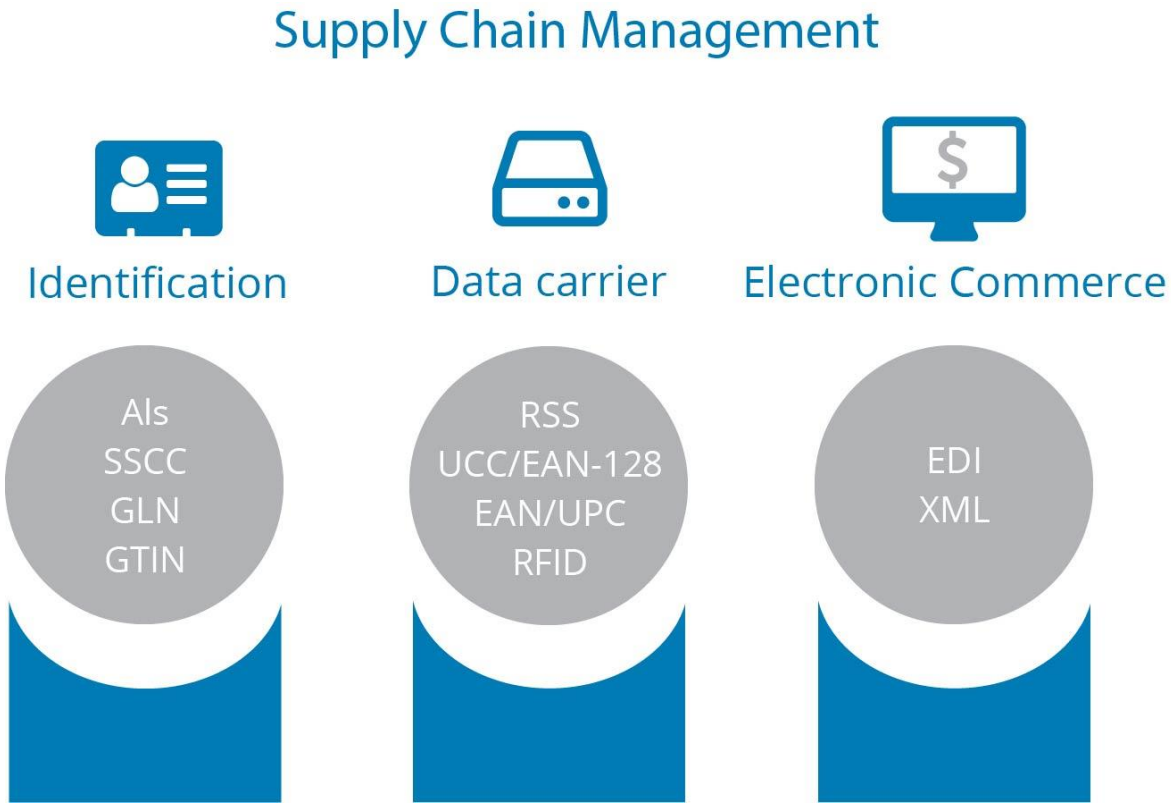
- Compliance with industry standards
- Inbound logistics
- Outbound logistics
- Supports GS1/UCC standards
- Inventory allocation
- Multiple picking processes
- Improved inventory accuracy
- Increased warehouse efficiencies

Streamline and Optimize Your Logistics

- SAP Business One for Warehouse Management (WMS) is seamlessly integrated ERP solution, providing a consistent user environment and straightforward navigation.

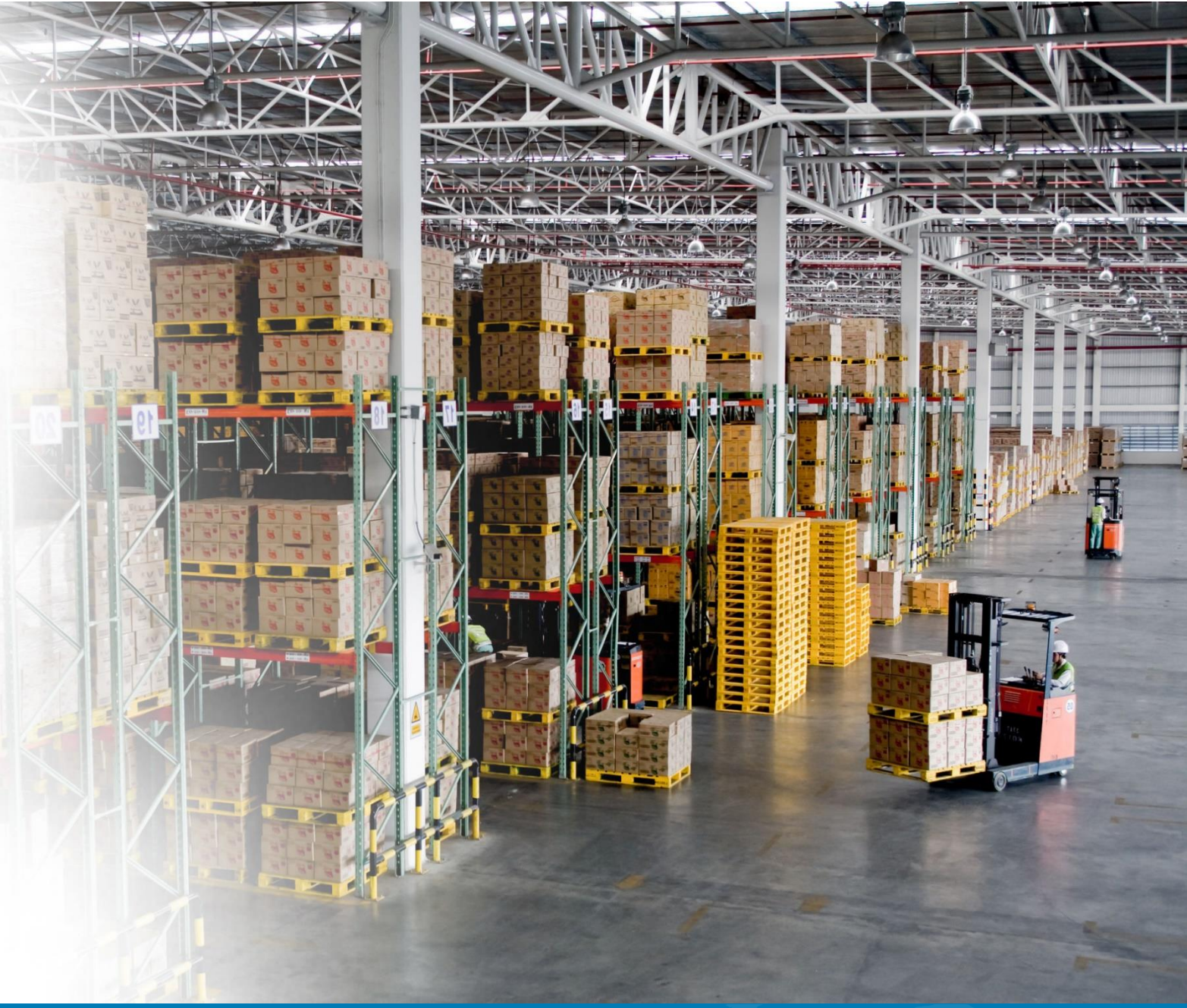
Meet the strict industry-specific regulatory requirements

- Based on GS1 industry standards
  - GS1, a global standardization body in the supply and demand chain
- PTI Compliance
  - Produce Traceability Initiative (PTI)
- GS1 Barcodes (UCC-128)
  - GS1/UCC 14 – for individuals products
  - GS1/UCC-128
- GS1 eCom
  - EDI e.g. DESADV (Despatch Advice) / ASN (Advance Shipping Notification)



Inbound Logistics

- Comprehensive support of inbound logistics without manual, paper-based processes.



Inbound Logistics Functionality

PURCHASE ORDER: N/A

SSCC: 123456789000002788

FROM:
N/A
N/A

PRODUCT: Choco Paste 500oz jar

CONTENT	COUNT	BEST BEFORE
00064972310420	1200	01/10/2014

RECEPTION DATE	BATCH/LOT
01/10/2013	RM2013100002

(02)00064972310420(15)141001(37)1200(10)RM2013100002

(00)123456789000002788

SSCC Label

- Real-time receiving
- Container receiving
- Inventory staging
- Quality checks
- Directed put away
- Ad hoc put away
- Return management
- License plates
- Batch Attributes

Outbound Logistics

Support for efficient management of products through the supply chain.

- Pack validation
- Improved inventory accuracy
- Pick validation
- Shipping integration
- Carton content

Outbound Logistics

Delivered to:
Customer food 1
Summit Blvd
NULL
Atlanta GA 30319

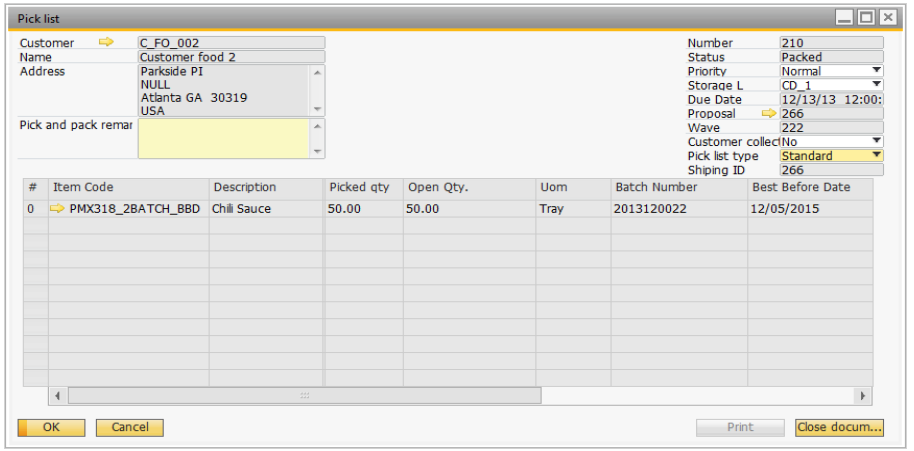
Delivery number: 126
Delivery date: 1/10/2013

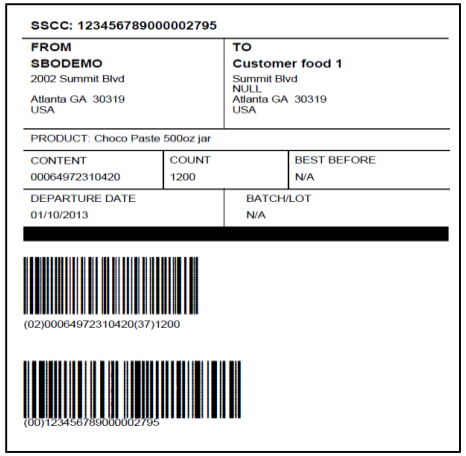
Sales Order Number:

Item Code	Description	Quantity	Ord. Quantity	Batch	Best Before
LC_001	Chep Pallet	1	0		

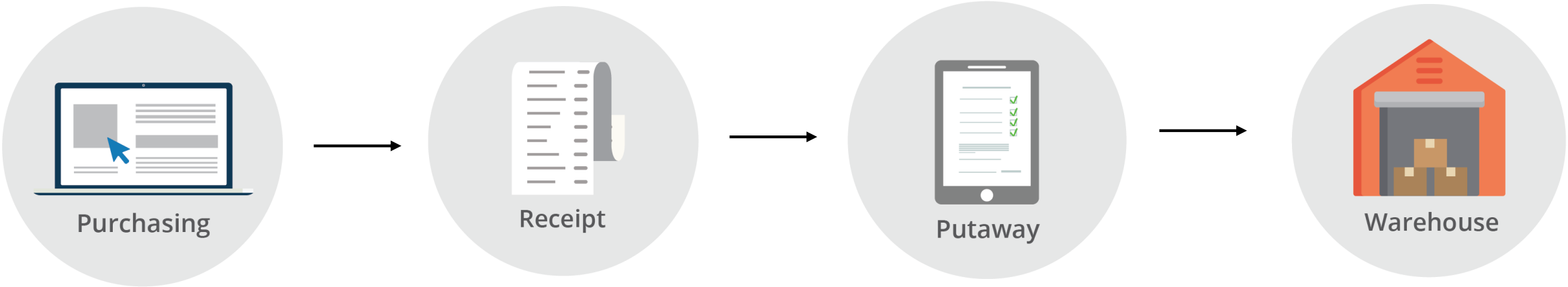
Sales Order Number: 157

Item Code	Description	Quantity	Ord. Quantity	Batch	Best Before
DIS_FO_FG_(	Choco Paste 500oz jar	960	1.200	RM2013070008	4/08/2014
DIS_FO_FG_(	Choco Paste 500oz jar	240	1.200	RM2013070010	5/08/2014

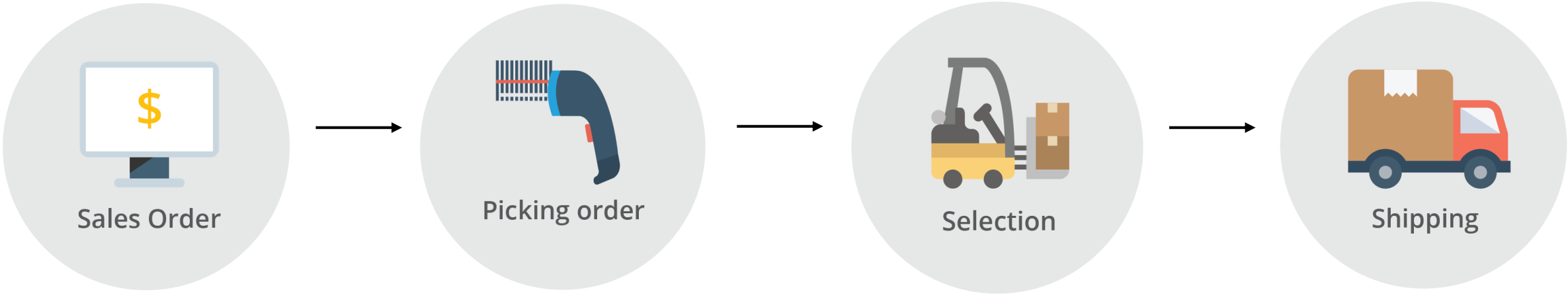




Inbound Workflow



Outbound Workflow



Overview of GS1/UCC Identification Keys

Trade Item (Unit) **GTIN**

Logistics (Cases) **SSCC**

Contents Label **UCC-128**
include additional data such as best before dates, batch numbers, quantities, weights and many other attributes

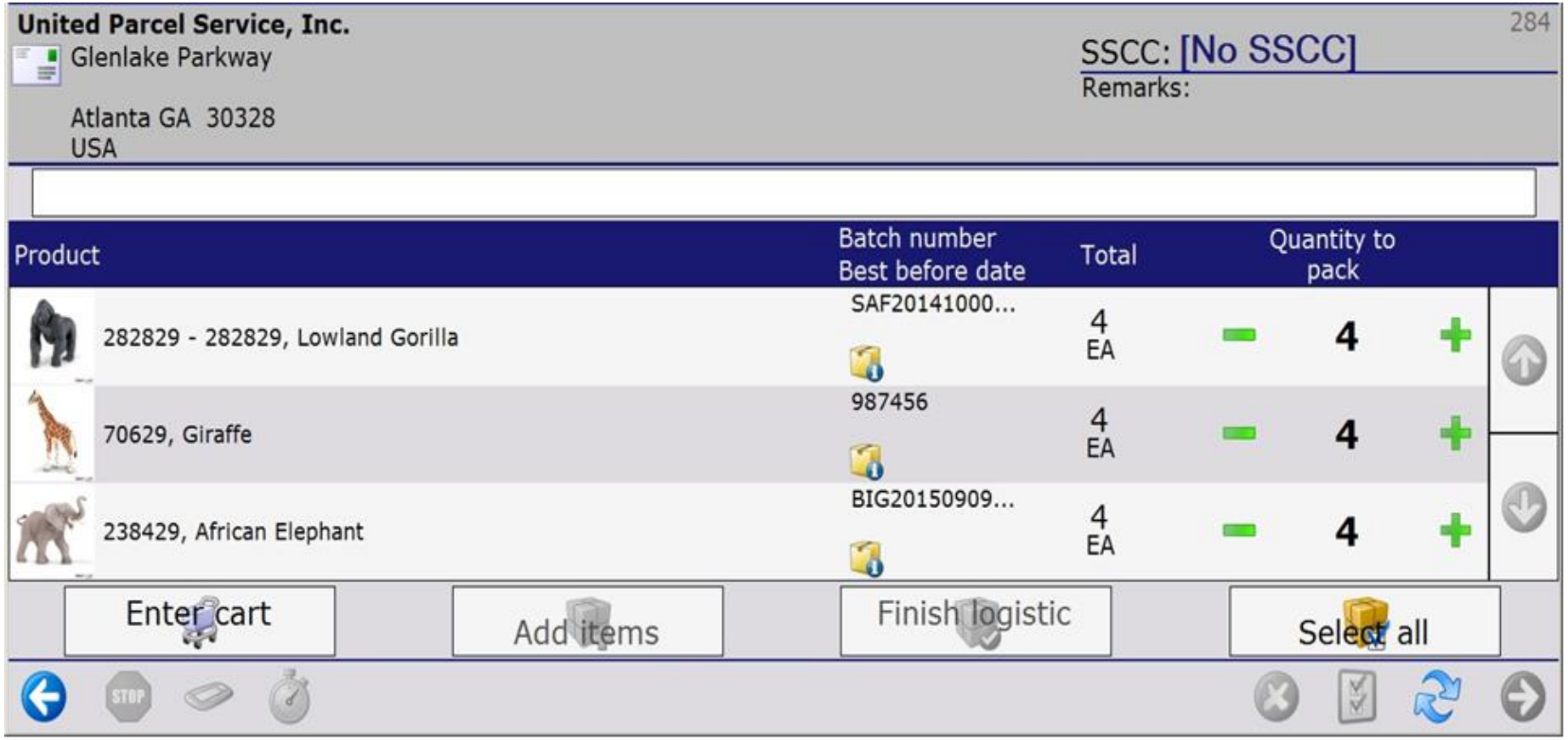
Inventory Allocation

There are several ways to “hard allocate” inventory:

- When inventory **is in stock**
  - Directly from a sales order
  - From the inventory dashboard
    - Locked to a specific sales order,
    - Locked to a customer before a sales order has been placed
  - From the picklist proposal manager

- When inventory **is not in stock**
  - Using inventory locking in advance
  - Using the Procurement Wizard to link PO to Sales Order.

Wave Picking – Pack Station



Industries Served

- Supports all areas of warehouse management while addressing your industry specific requirements.

FOOD INDUSTRY & WHOLESALE

- Regulatory compliance: GS1 identification, tracking & tracing
- Expiry dates, FEFO, shelf life, two batch numbers
- Catch weight management
- Production & packaging

LIFE SCIENCES & PHARMACEUTICALS

- Regulatory compliance: tracking & tracing, audit trail
- Quality management of inventory (batch, item, logistic unit)
- Sampling
- Weighing & dispensing
- Tracking & tracing on item level (serialization)
- Anti-counterfeiting

WHOLESALE & DISTRIBUTION

- Paperless working with RF terminals
- Increased productivity
- Improved delivery accuracy
- GS1 identification, tracking & tracing

THIRD PARTY LOGISTICS

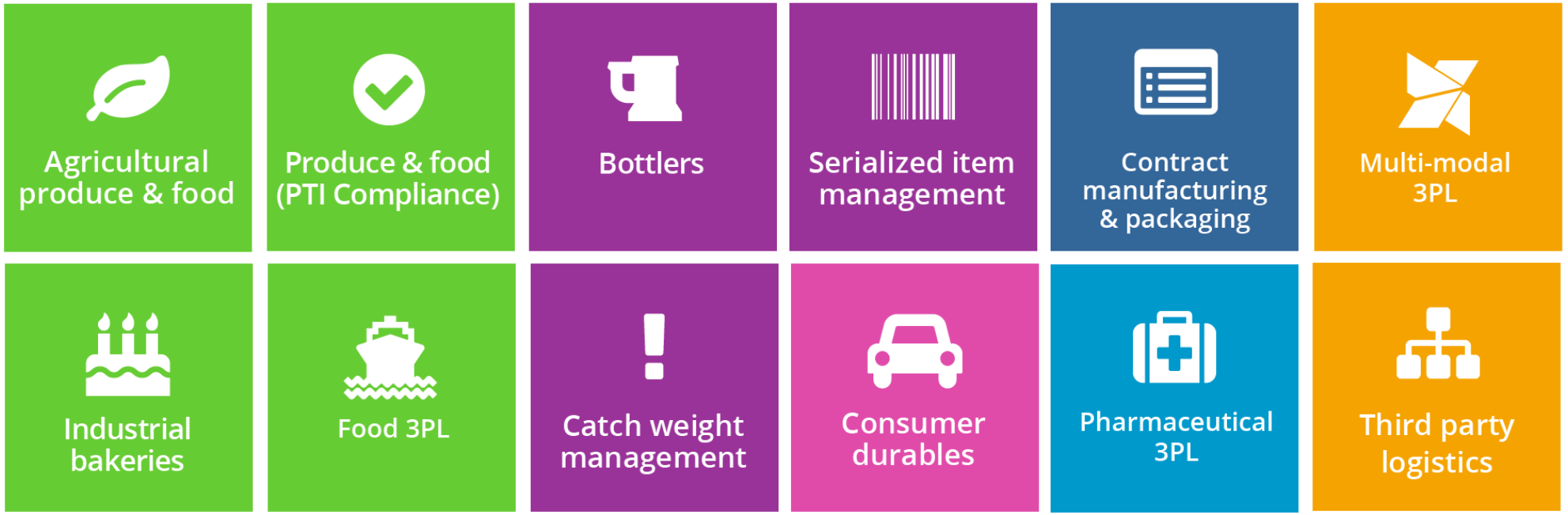
- Multi-owner, multi-warehouse management
- Value added logistics (VAL)
- EDI: ASN, DESADV
- Tracking & tracing
- 3PL invoicing

CONSUMER GOODS

- Paperless working with RF terminals
- Increased productivity
- Cost reduction
- Tracking & tracing at item level (serialization)
- Anti-counterfeiting

DISCRETE MANUFACTURING

- Advanced production scheduling & optimization
- Real-time production data collection
- Manufacturing cost calculation

Micro Vertical Support

- Also support features and functionality for micro-vertical industries.